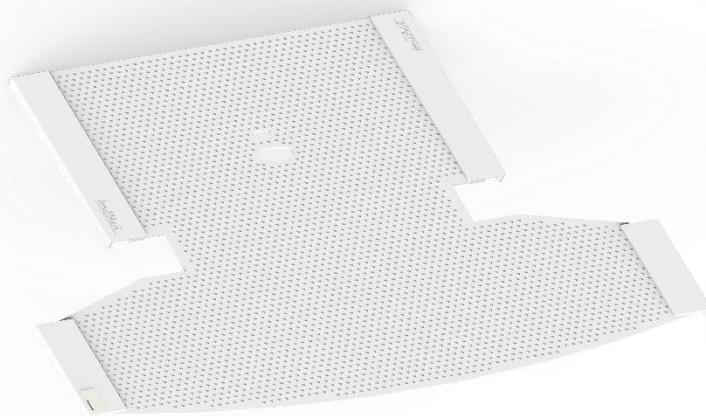


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4 POINT NECK & SHOULDER MASK

Panacea Medical Technologies Pvt Ltd

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1 INTENDED USE AND INDICATIONS FOR USE

1.1 INTENDED USE

The intended use of neck and shoulder mask is to immobilize the patient's neck and shoulder region during treatment. These masks are custom-made for each patient by molding a thermoplastic material to conform tightly to the contours on patient's specific anatomy.

1.2 INDICATION FOR USE

These masks are primarily used for immobilization and precise positioning of the neck and shoulder during radiotherapy. The masks ensure reproducibility of patient positioning from one treatment session to another, allowing for accurate delivery of radiation to the target area while minimizing exposure to surrounding healthy tissues.

2 PRODUCT OVERVIEW

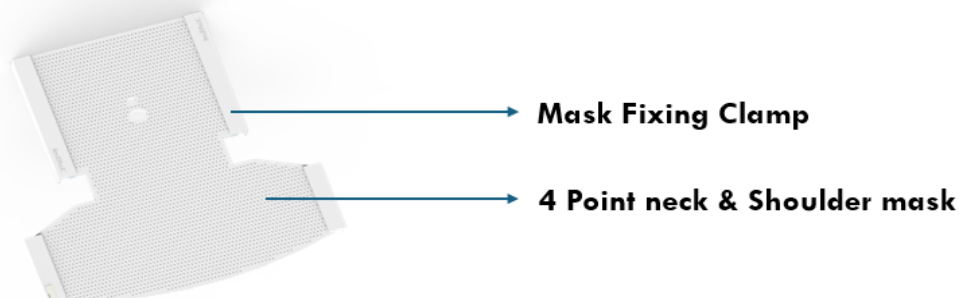


Figure 1 Thermoplastic mask



Warning

- Inspect the mask thoroughly before use. Do not use the mask if damaged.
- Store each thermoplastic mask in the order of patient ID labelled

3 MOULDING INSTRUCTIONS

- Thermoplastic masks require heating time in the water bath or in convection oven. The appropriate times and temperatures are presented in the table below.

DESCRIPTION	In WATERBATH	In CONVECTION OVEN
2.4 mm thickness Time of immersion/heating	~8 - 10min	~4 -5 mins
3.2 mm thickness Time of immersion/heating	~10-12 Mins	~10-15 mins
Temperature	Max 70°C	Max 70°C

Note: The above-mentioned timings are specific to the PMT make water bath and convection oven and may vary depending on the different make

- Ensure that the material has turned completely from solid state to translucent before removing it from the water bath or convection oven.
- After heating, dry the mask with a towel to remove excess moisture.
- Before applying the mask to the patient's skin, need to ensure that the temperature of the mask is not too hot to avoid burning or discomfort to the patient's skin
- Position the mask above the patient face
- Position the mask clamp over the locking gap
- Once the mask clamp is positioned over the locking gap, fix it by using a mask locking cushions
- Mould the mask precisely around the nose bridge, chin, of the patient.

4 TECHNICAL DETAILS

1	Material used	Thermoplastic
2	Mask thickness	2.4mm & 3.2mm

5 CLEANING, STORAGE AND DISPOSAL

- Avoid storing under the sun rays and in warm and wet environment
- Store each thermoplastic mask in the order of patient ID labelled and masks can be reused for the next fraction of treatment for the same patient.

- The decision to reuse the mask should be based on the treatment plan and cycle
- The product can be disposed of with dry waste
- Inspect the Mask regularly, to check for any damages or worn or to do replacement



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